

Application No.: 09/866,996
Amendment Dated: March 12, 2004
Reply to Office Action of: December 12, 2003

MTS-3255US

Remarks/Arguments:

In response to the various paragraphs of the Office Action, Applicants offer the following remarks.

Section 102 Rejections

Claims 4, 6-9, 19-22, 40 and 42 have been rejected as being anticipated by Egashira. Applicants respectfully submit that this rejection is overcome for the reasons set forth below.

Amended claim 4 now includes features which are not suggested by the cited reference, namely:

- a conductive member arranged in a space surrounded by the bottom member and the side member . . .
- **a conductive ceiling member covering a part of the space,**
- **the ceiling member has openings.**

Basis for amended claim 4 may be seen, for example, in Fig. 1(A) and 1(B). As shown, conductive ceiling member 15 covers a part of the space surrounded by bottom member 11 and side member 14. As also shown in Figs. 1(A) and 1(B), ceiling member 15 has openings 16 and 17.

Egashira discloses, in Fig. 9, an antenna having conductive bottom member 90; conductive side member 90; and conductive member 60 arranged in space 92. Egashira also discloses plate member 100, formed of synthetic resin, and conductive ceiling member 20 that completely cover space 92. No openings remain in the ceiling members.

Application No.: 09/866,996
Amendment Dated: March 12, 2004
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MTS-3255US

Egashira, however, does **not** disclose a **conductive ceiling member which covers a part of the space, and the ceiling member having openings.**

Reconsideration is respectfully requested for amended claim 4.

Although not the same, claims 6, 19, 22, 40 and 42 have been amended to include features similar to amended claim 4, namely **the ceiling member has at least one opening.** Favorable reconsideration is requested for amended claims 6, 19, 22, 40 and 42.

Claims 7-9 depend from claim 6, claims 21-22 depend from claim 19, and claim 41 depends from claim 6. These claims, therefore, are not subject to rejection in view of the cited reference for at least the same reasons set forth for amended claim 4.

Section 103 Rejections

Claims 15-17 and 41 have been rejected as being obvious in view of Egashira and Sanford. Applicants respectfully submit that this rejection is overcome for the reasons set forth below.

Amended claim 15 now includes features which are not suggested by the cited references, namely:

- a conductive member arranged in a space surrounded by the bottom member and the side member,
- **a conductive ceiling member covering a part of the space, and having openings in which a dielectric member is provided.**

Application No.: 09/866,996
Amendment Dated: March 12, 2004
Reply to Office Action of: December 12, 2003

MTS-3255US

Basis for amended claim 15 is shown, for example, in Fig. 11(A) and 11(B). As shown, conductive ceiling member 15 covers a part of the space and has openings 16' and 17' in which dielectric member 31 is provided.

As previously discussed with respect to amended claim 4, Egashira does **not** disclose a **conductive ceiling member covering a part of the space, and the ceiling member having openings**.

Sanford in Fig. 1 discloses an antenna that includes ceiling conductor 18 **completely covering space or cavity 14** which is also filled by dielectric member 11. Sanford, however, does **not** disclose a conductive ceiling member that **covers a part of the space and has openings**, in which a dielectric member is provided.

Neither Egashira, nor Sandford suggest a conductive ceiling member covering a **part of the space and having openings in which a dielectric member is provided**. It is respectfully submitted that amended claim 15 is now distinguished over these references. Favorable reconsideration is requested for amended claim 15.

Claims 16-17 depend from amended claim 15 and are, therefore, also not subject to rejection in view of the cited references for at least the same reasons set forth for amended claim 15.

Dependent claim 41 depends from claim 6. Claim 6 has been amended to include features similar to amended claim 4. Claim 41 is, therefore, not subject to rejection in view of the cited references for at least the same reasons set forth for amended claim 4.

Application No.: 09/866,996
Amendment Dated: March 12, 2004
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MTS-3255US

Allowable Subject Matter

Claims 10-14, 18, 23-39 and 43 have been allowed.

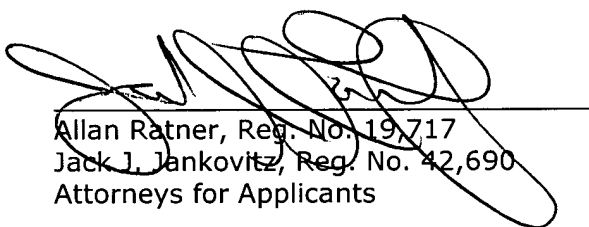
Allowed claims 11 and 43 have been amended by changing the phrase "all or a part of the space" to "a part of the space".

Conclusion

Claims 4, 6-9, 15-17, 19-22 and 40-42 are in condition for allowance.

Claims 10-14, 18, 23-39 and 43 have been allowed.

Respectfully submitted,



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